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| <p>Form PTO-1449</p> <p>PATENT & TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>(Use several sheets if necessary)</p> | <p>Docket Number (Optional)</p> <p><i>5061.2</i></p> | <p>Application Number</p> <p><i>10/016,992</i></p> |
| | <p>Applicant</p> <p>Cao</p> | <p>Filing Date</p> <p><i>12-13-01</i></p> |
| | <p>Group Art Unit</p> <p><i>3732</i></p> | |

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| EXAMINER |  | DATE CONSIDERED |  |
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| RL | 6,200,134 | 3/13/2001 | Kovac et al | 433 | 29 | 1/20/98 |
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| RL | 4,989,217 | 1/29/1991 | Ostler | 372 | 107 | |
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| RL | 5,275,564 | 1/4/1994 | Vassiliadis et al | 433 | 226 | |
| RL | 5,415,543 | 5/16/1995 | Rosmajzl Jr. | 433 | 29 | |
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| RL | 5,472,991 | 12/5/1995 | Schmitt et al | 522 | 4 | |
| RL | 5,550,853 | 8/27/1996 | Ostler | 372 | 34 | |
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| RL | 6,282,013 | 8/28/2001 | Ostler et al | 359 | 309 | |
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RL Published PCT Patent Application PCT/US99/01126 (WO 99/35995) (22 July 1999)

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9/11/2003

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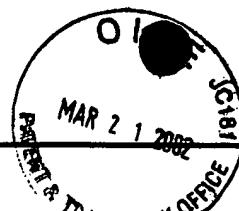
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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|----|---|
| PL | "LumaLite Luma 8, LumaArch, LumaCure" (4 pages) (printout from www.luma-lite.com) |
| | "Curing Light XL 3000" (3 pages) (printout from www.brooks.af.mil) |
| | "LumaCure Cordles Curing Light" (2 pages) (printout from www.brooks.af.mil) |
| | "Compo-T VLC Visible Light Cure Composite Dental Restorative Materials" (4 pages) (Printout from www.yates-motloid.com) |
| | Bayne et al, "Update on dental composite restorations", JADA, vol. 125, June 1994, pages 687-701. |
| | "Accucure 3000" brochure (2 pages) |
| | "Accucure 1000" brochure (2 pages) |
| | "LaserMed AGD Show Special AccuCure 3000 Laser Show Special" flyer (1 page) |
| | "LumaCure" flyer (1 page). |
| | "ARC Light IIM" brochure (2 pages). |
| | "Introducing the Apolloelight wireless curing light" flyer (1 page). |
| | "Just Cure It" brochure (3 pages) (printed out from www.airtechniques.com) |
| | "Resin Curing Lights: What You Should Know", page 36 from Contemporary Esthetics and Restorative Practice, November, 2001. |
| | "Starlight Starlight p" flyer (1 page). |
| | "Exelite" flyer (1 page) |
| | "Epilar FreeLight" flyer (1 page). |
| | "Centrix, Introducing VersaLux the world class battery operated LED curing light that fits in the palm of your hand (July-August 2001) (1 page) |
| | "ZAP Dental Curing" flyer (1 page) |
| | "EXELITE" flyer (1 page) |
| | "Elipar Freelight Curing Light" (2 pages) (printout from cms.3m.com) |
| PL | "Intraoral Resin Curing Lights – Update '96" excerpt from March 1996 CRA newsletter (2 pages). |

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| RL | "Savings on Curing Lights from Lone Star Dental Corp.", including First Medica Hilux 200, Spring Health Powerlite and Dentamerica Litex (1 page) (printout from www.denteqip.com). |
| | "LED Curing Light" from TOESCO Yoshida Toei Engineering Co., Ltd. (October 2001). |
| | "Dental/Medical Diagnostic Systems, Inc. Receives \$4.0 Million Order for Its Wireless Apollo e and Wavelight Curing Units Based on New LED Technology" (2 pages) (printout from www.compoundsemiconductor.net). |
| | "Heat Data" (2 pages) (regarding rise in tooth pulp temperature with various curing lights). |
| | "Comparison to Other Curing Lights" (2 pages) (printout from www.cranews.com) |
| | "Curing Performance" (4 pages) (printout from www.cranews.com) |
| | "Technical Data" (3 pages) (printout from www.cranews.com) |
| | "Photographs" depicting Virtuoso curing light (printout from www.cranews.com) |
| | Caughman, et al., "In Vitro Intrapulpal Temperature Rise with a Variety of Light Sources" (1 page). |
| | Bouschlicher, et al., "Intrapulpal Temperature Increases with LED, QTH and Arc Photoinitiation" (1 page). |
| | Meyer et al., "Decrease in Power Output of Blue LD Curing Lights with Increasing Distance to Filling Surface" (1 page). |
| | Parr et al., "Spectral Analysis of Commercial LED Dental Curing Lights" (1 page) |
| | CRA Newsletter, Vol. 20, Issue 3, "Intraoral Resin Curing Lights", (March 1996) (2 pages). |
| | CRA Newsletter, "Resin Curing Light, Cordless" (2 pages). |
| | CRA Newsletter, "Visible Curing Lights" (4 pages). |
| | "Power PAC" (3 pages) (printout from www.americandentaltech.com) |
| | "The PAC" (2 pages) (printout from www.americandentaltech.com) |
| | "The Science of Curing" (8 pages) (printout from www.lasermed.com) |
| | "The Accucure 1000" (2 pages) (printout from www.lasermed.com) |
| | "The Accucure 3000" (2 pages) (printout from www.lasermed.com) |
| RL | "RemeCure CL15" (1 page) (printout from www.remedent.com) |

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| R. L. | 9/17/2003 |

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Group Art Unit 3732

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| SL | "All-Cure Standard and Custom Dental Curing Lightguides" (1 page) (Printout from www.all-cure.com) |
| | "Welcome to Bonart Medical Supply" (2 pages) (printout from www.bonartmed.com) |
| | "Bonart" (4 pages listing dental equipment including ART-L1 'High Power Light Curing Unit') (printout from www.bonartmed.com) |
| | "Dentamerica – Litex" (2 pages discussing Litex 680A, Litex 682, and Litex 692 curing lights) (printout from www.dentamerica.com) |
| | "Problems with the Apollo E curing light" (1 page article) (printout from www.imakenews.com) |
| | "Bellini X Ray" (2 pages depicting Sunlite 1275 curing light) (printout from www.bellinixray.com) |
| | "ACTA CURING LIGHT" (2 pages) (printout from www.amadent.com) |
| | "Laser Technology in Dentistry" (3 pages) (printout from dentistry.about.com) |
| | "Synopsis of Visible Light Curing Units" (8 pages summarizing various curing lights) (printout from www.brooks.af.mil) |
| | "Zap Dual Curing Light" (2 pages) (printout from www.brooks.af.mil) |
| | "Vivalux II Cordless Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) |
| | "VersaLux Cordless Curing Light" (2 pages) (printout from www.brooks.af.mil) |
| | "Variable Intensity Polymerizer Light Curing Unit (VIP)" (3 pages) (printout from www.brooks.af.mil) |
| | "Spectrum 800 Curing Unit" (2 pages) (printout from www.brooks.af.mil) |
| | "Optilux 501 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) |
| | "Optilux 500 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) |
| | "Optilux 180 & 360 Polymerization Units" (2 pages) (printout from www.brooks.af.mil) |
| | "Hilux 350 Curing Light" (2 pages) (printout from www.brooks.af.mil) |
| | "Epilar Highlight Curing Light" (2 pages) (printout from www.brooks.af.mil) |
| | "Apollo 95E Curing Light" (2 pages) (printout from www.brooks.af.mil) |
| RL | "ARC Light II" (2 pages) (printout from www.brooks.af.mil) |

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R. L. Cao

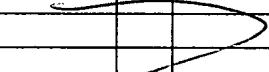
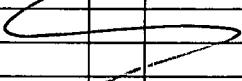
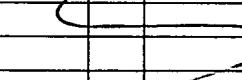
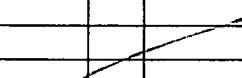
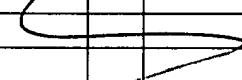
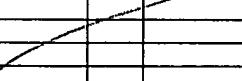
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| | | Applicant <i>Cao</i> | | | | |
| | | Filing Date <i>12-13-01</i> | Group Art Unit <i>3732</i> | | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>RL</i> | <i>"3M ESPE Introduces New LED Curing Light" (2 pages) (printout from cms.3m.com)</i> | | | | | |
| <i>RL</i> | <i>"NRG L.E.D. Curing Light" brochure (4 pages).</i> | | | | | |
|       | | | | | | |
| EXAMINER <i>RL</i> | | | | DATE CONSIDERED <i>9/17/2003</i> | | |